BRYOTHINUSA CHANI, A NEW SPECIES OF MARINE BEETLE FROM HONG KONG (COLEOPTERA: STAPHYLINIDAE)

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ABSTRACT

The genus *Bryothinusa* was previously known by a single species, *B. catalinae* Casey, from intertidal situations in California. The new species, *B. chani* Moore & Legner, was collected from intertidal mud flats in Hong Kong.

The genus *Bryothinusa* (Casey 1904) was based on a single species, *B. catalinae*, taken from the beach between high and low tide marks on Catalina Island, California. The original description was repeated by Fenyes (1920). Moore (1956) reported it from the seabeach at San Diego, California, redescribing the genus and species. A second species is described below.

Bryothinusa chani Moore & Legner, NEW SPECIES

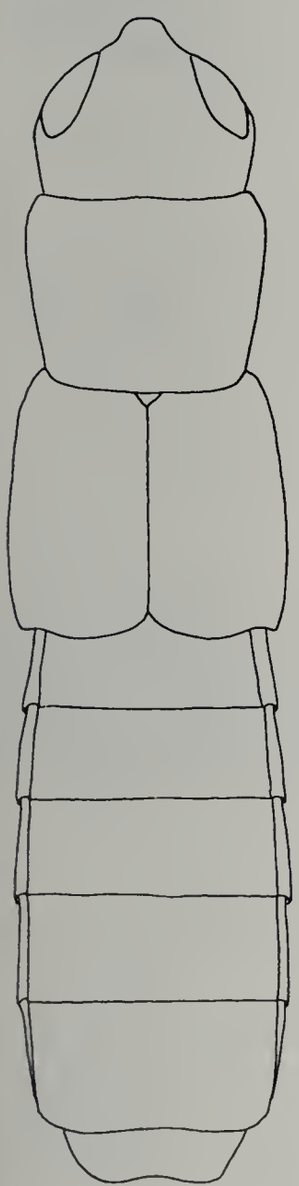

Fig. 1: Outline of dorsal view of body of *Bryothinusa chani* new species.

Color dark piceous throughout except the appendages which are somewhat paler and the antennae uniformly dark ferrugineous. Integument very finely, densely reticulate and pubescent. Length 2mm.

Head: oval, about 1/4 wider than long, broadly concave in middle. Eyes large, occupying about 2/3 of the side of head, not interrupting the side margins of head. Antennae longer than head and pronotum, first and second segments about twice as long as wide, each about as long as third and fourth together, third through sixth of about equal length and width, longer than wide, narrower than second, seventh through tenth gradually wider, tenth about as wide as long, eleventh as long as ninth and tenth together, pointed at apex.

Pronotum: subrectangular, slightly wider and long, widest at anterior fifth; sides gently arcuate in apical half, thence nearly straight to the obtuse basal angles; base distinctly narrower than apex, slightly arcuate; apical margin nearly straight; disc strongly concave in center.

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Elytra: conjointly a little wider and a little longer than pronotum, inner apical angles narrowly but distinctly rounded.

Abdomen: nearly parallel sides, first segment shortest, the others each slightly longer than the preceding. First abdominal segment faintly impressed at base.

This species differs from *catalinae* in its darker color, its less elongate antennal segments and particularly in its much larger eyes.

Specimens examined: *Holotype*: Shantin Mud Flats, Hong Kong, [California Academy of Sciences]. *Paratypes*: (10) 3 mounted on points, Shantin Mud Flats, Hong Kong, 7 mounted on 2 slides (3 on 1 slide and 4 on the other), Shantin Mud Flats, Hong Kong, 4-X-70. All specimens collected by Tai-din Chan who stated (personal communication), "Habitat: at low water, they wander on the surface of the mud flat and; at high tide they are under seawater by holding tightly to rocks and dead shells."

Key to the Species of *Bryothinusa*

1. Eyes very small, occupying about 1/4 of the side of head .... *catalinae* Casey

1′. Eyes large, occupying about 2/3 of the side of head..... .....*chani* Moore & Legner

In *Bryothinusa* and probably *Polypea*, marine genera of Aleocharinae, the inner and outer lobes of the maxilla are entirely corneous, the inner lobe with a row of teeth internally at the apex. This condition, very similar to that of *Myllaena*, is very unusual among the Staphylinidae.

Literature Cited

Casey, T. L. 1904. On some new Coleoptera, including fiive new genera. Canadian Ent. 36:312-324.

Fenyes, A. 1920. Genera Insectorum, Coleoptera, Fam. Staphylinidae, subfam. Aleocharinae. Fasc. 173B:111-414.

Moore, I. 1956. A revision of the Pacific Coast Phytosi with a review of the foreign genera. Trans. San Diego Soc. Nat. Hist. 12:103-152; Pl. 8-11.

Beetle Talk

The annual meeting of the Coleopterists Society will be held in conjunction with that of the Entomological Society of America, at Los Angeles, California (Nov. 28-Dec. 2, 1971). In addition to the regular meeting to be held during the informal conferences on Sunday (Nov. 28) eve, there will be a symposium on "Biology of Coleoptera". This will be held sometime during the regular ESA program. It will consist of 14 speakers and was organized by Dr. D. H. Kistner of Chico State College. —Ed.